



Department of Chemical Sciences
Tezpur University
Tezpur, Napam - 784 028
Assam, India

Prof. Ruli Borah
Professor

E-mail : ruli@tezu.ernet.in
Phone : +91-3712-26700
Fax : +91-3712-267005/6

CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled “*Design and Implementation of Ionic Liquids Derived Catalysts in Organic Reactions*” submitted to the School of Sciences, Tezpur University in part fulfillment for the award of the degree of Doctor of Philosophy in the Department of Chemical Sciences is a record of research work carried out by *Ms. Susmita Saikia* under my supervision and guidance.

All help received by her from various sources have been duly acknowledged.

No part of this thesis has been submitted elsewhere for award of any other degree.

Date:
Place:

Prof. Ruli Borah
Professor
Department of Chemical Sciences
Tezpur University
Assam, India



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)
Napaam, Tezpur – 784 028, District – Sonitpur, Assam, India

CERTIFICATE OF THE EXTERNAL EXAMINER AND ODEC

This is to certify that the thesis entitled “*Design and Implementation of Ionic Liquids Derived Catalysts in Organic Reactions*” submitted by *Ms. Susmita Saikia* to the School of Sciences, Tezpur University in part fulfillment for the award of the degree of Doctor of Philosophy in the Department of Chemical Sciences has been examined by us on _____ and found to be satisfactory.

The committee recommends for the award of the Degree of Doctor of Philosophy.

Signature of:

Principal Supervisor

Date:

External Examiner

Date: